8th Annual CMMI Technology Conference & User Group

"Investigation, Measures and Lessons Learned about the Relationship between CMMI® Process Capability and Project or Program Performance"

Denver, Colorado

November 18 - 20, 2008

Conference Agenda

Tuesday November 18, 2008

TRACK 1 - PM PROCESS IMPROVEMENT AND CMMI

- **7165** -*"The Journey from CMMI® Ratings to Value Added Process Improvement"*, Mr. Philip Wah, Jr.,The Boeing Company
- **7182** - *"Effective use of non-directive tools and templates – Integrating the "How's" with the "What's""*, Mr. Kenneth Weinberg, Raytheon Company
- **7346** - *"Improving Project Planning and Control: A 10-Step Process Within CMMI® or other Process Orientations"*, Mr. Daniel Galorath, Galorath Incorporated
- **7286** - *"Lessons learned in motivating Software Engineering Process Group to focus on achieving business goals, and not on just achieving a maturity level"*, Mr. Girish Seshagiri, Advanced Information Services, Inc.

TRACK 2 PM PRACTICAL GUIDANCE

- **7154** - *"Lessons (Not) Learned"*, Mr. Michael West, Natural SPI, Inc.
- **7287** - *"How TSP/PSP Addresses CMMI® Implementation Issues in Federal Acquisition; Case Study of a CMMI® Level 5 Federal Contractor"*, Mr. Girish Seshagiri, Advanced Information Services, Inc.
- **7201** - *"Saving the Titanic: Using CAR to Rescue a Sinking Process Improvement Program*", Mr. Bill Smith, Leading Edge Process Consultants, LLC
- **6977** - *"Documentation Diet"*, Ms. Mary Sakry, The Process Group

TRACK 3 PM LEAN, 6 SIGMA, AGILE AND CMMI

- **7398** - *"The Power of Integrated CPI Solutions"*, Mr. Jeffrey Dutton, Jacobs Technology
- **7396** - *"Lean Drivers that Stimulate Continuous Process Improvement"*, Ms. Susan Bassham, U.S. Army Aviation and Missile Command
- **7394** - *"An Investigation of the Viability of Using SCAMPI as a Shingo Benchmarking Mechanism"*, Ms. Susan Bassham, U.S. Army Aviation and Missile Command
- **7170** - *"Lean SCAMPI"*, Mr. Jeffrey Dutton, Jacobs Technology

TRACK 4 PM HIGH MATURITY

- **6953** - *"Achieving Statistical Process Control Using Hidden Markov Models"*, Mr. Robert Moore, Business Transformation Institute, Inc.
- **7133** - *"Examples of Statistical Models and their use in level 4-5 Process Maturity Execution"*, Dr. Jeff Ricketts, Raytheon Company
- **7208** - "Prediction Model for Daily Production Support Issues", Mrs. Rama Sivaraman, Polaris Software Lab Limited
- **7315** - "*Measurement and Statistical Inside via Case Studies in Achieving High Maturity in CMMI®"*, Dr. Bin Cong, CRS Technology

TRACK 5A ACQUISITION

- **7124 - "***Piloting the CMMI®-ACQ...1 year later"*, Mr. Thomas Neff, BAE Systems
- **7027** - *"Lessons Learned Doing Systems Engineering Assessments on the Acquirer"*, Mr. Ian Talbot, U.S. Air Force
- **7408** - *"Boldly Going Where Few Have Gone Before SCAMPI C Appraisal Using the CMMI® for Acquisition"*, Ms. Carol Klingler, The MITRE Corporation

TRACK 6 APPRAISALS

- **6964** - "*Quantifying Appraisal Readiness: Are you really ready for your SCAMPI?"*, Ms. Patricia Mitryk, Cognence, Inc**.**
- **7012** - *"On your mark, get set, go! Effective solutions to prepare for a CMMI® based appraisal"*, Ms. Lisa Ming, BAE Systems
- **7358** - *"Selecting an Effective Appraisal Style*", Dr. Rick Hefner, Northrop Grumman Corporation
- **7177** - *"Planning the Conduct of a Successful SCAMPI"*, Ms. Pam Hudson, Lockheed Martin Corporation, Aeronautics

TRACK 7 MULTI-MODEL IMPLEMENTATION

- **7059 - "***Using the National Baldrige Performance Criteria to Strengthen CMMI® Measurable Results"*, Mr. Tim Olson, Lean Solutions Institute, Inc.
- **7415** - *"An IT Governance Solution*", Mr. Paul Byrnes, Integrated System Diagnostics, Inc.
- **7478** - *"A Framework for Integrating Systems and Software Engineering"*, Dr. Richard Turner, Stevens Institute of Technology (Invited)
- **7259** - *"Benefits of Multi-Model Process Improvements in Small - Medium Businesses"*, Dr. Mary Anne Herndon, Transdyne Corporation

Wednesday November 19, 2008

TRACK 1 AM PROCESS IMPROVEMENT AND CMMI

- **7409** - *"Lessons Learned on the way to Level 3 (If we knew then what we know now...)"*, Mr. W. David Groening, Applied Research Associates
- **6874** - *"Choosing the Right PI Pilot: Using Readiness & Fit Analysis for Adoption Feasibility Pilots"*, Ms. Suzanne Garcia, Software Engineering Institute
- **7213** - *"Sailing to Success: Building The Business Case for Running an Effective High-Maturity, High-Priority Improvement Project"*, Ms. Karen Smiley, ABB Incorporated, U.S. Corporate Research
- **7169** - *"Making the CMMI® Relevant"*, Mr. Jeffrey Dutton, Jacobs Technology

TRACK 1 PM PROCESS IMPROVEMENT AND CMMI

- **7369** - *"Shrinking the Elephant: If Implementing CMMI® Practices Looks Like More Effort than it's Worth, Let's Look Again"*, Mr. Sam Fogle, ACE Guides, LLC
- **7005** - "Common Taxonomy Fuels a Learning Engine", Mr. John Johnston, BAE Systems
- **6950** - *"Capability Target Profiles for Real Organizations"*, Mr. Michael Mangieri, Business Transformation Institute, Inc.
- **7427** - *"CMMI® Interactive!"*, Mr. Geoff Draper, Harris Corporation

TRACK 2 AM PRACTICAL GUIDANCE

- **6963** - *"How Big Does Your Process Need to Be? - Lessons Learned at Both Ends of This Spectrum"*, Ms. Patricia Mitryk, Cognence, Inc.
- **7061** - *"How to Write 'Lean and Mean' Requirements"*, Mr. Tim Olson, Lean Solutions Institute, Inc.
- **7043** - *"An Effective Process Improvement Plan is Key to Maintaining Maturity Level 3"*, Ms. Susan Byrnes, Natural SPI, Inc.
- **7126** - "Anatomy of the CMMI® Technical Solution Process Area", Dr. Aldo Dagnino, ABB Incorporated, U.S. Corporate Research Center

TRACK 2 PM PRACTICAL GUIDANCE

- **7143** - *"Process Architecture -"What is it?" - "What is it for?" - And "How do I pick a winner?""*, Mr. David Piper, Lamri Ltd.
- **7260** - *"CMMI® Fuels Your Tiger Team"*, Mr. Andrew Cordes, ABB Incorporated, U.S. Corporate Research Center
- **7312** - *"A Systems Approach to Applying Risk Management to Software Development"*, Mr. Warren Scheinin, Northrop Grumman Corporation
- **7354** - *"Policies, Processes, Procedures, Plans - What's the Difference?"*, Dr. Rick Hefner, Northrop Grumman Corporation

TRACK 3 AM LEAN, 6 SIGMA, AGILE AND CMMI

- **7282** - *"Institutionalizing CMMI® and Performing SCAMPI Appraisals in a Large, Multi-Project Environment Using a Value Stream Approach"*, Mr. Robert Castagna, SPAWARSYSCEN Charleston
- **7112** - "*Lessons Learned in EVM Control Account Analysis and Design"*, Mr. Tom Cowles, Raythron Company, Space and Airborne Systems
- **7257** - *"CMMI® and Six Sigma: Perfect Together"*, Ms. Beth Clark, Lockheed Martin Corporation
- **7164** - "*Capability-Level-3 Quickturn-around Web Development"*, Mr. Juan Ceva, Raytheon Company

TRACK 3 PM LEAN, 6 SIGMA, AGILE AND CMMI

- **7466** - *"DFSS in Software Lifecycle - "Did we loose the fox?""*, Mrs. Jill Brooks, *Raytheon Company*
- **7464** - "Application of Six Sigma and Psychometric studies to requirement specifications", Dr. Radouane Oudrhiri, Systonomy Limited
- **7058** - *"Architecture and Model Based Systems Engineering for Lean Results"*, Mr. Tim Olson, Lean Solutions Institute, Inc
- **7060** - "*Using Lean Principles and Process Models to Achieve Measurable Results*", Mr. Tim Olson, Lean Solutions Institute, Inc

TRACK 4 AM HIGH MATURITY

- **7140** - "*Statistically Managing Rework Rate of Source Data Provided To Technical Publications by Logistics Support Analysis (LSA)"*, Mr. Robert Tuthill, Northrop Grumman Corporation
- **7384** - "*Let Tailoring be Your Guide"*, Mr. John Miller, Raytheon Company, IIS
- **7353** - "*Interpreting High Maturity Practices for Your Business Objectives*", Dr. Rick Hefner, Northrop Grumman Corporation
- **7297** - *"Baselines and Models for Tailoring"*, Ms. Diane Mizukami (Williams), Northrop Grumman Corporation, Mission Systems

TRACK 4 PM HIGH MATURITY

- **7159** - "*An Integrated, holistic, stochastic analysis approach for evaluating the impact of new technologies and potential process improvements on overall outcomes and relevant measures of performance."*, Mr. Philip Fahringer, Lockheed Martin Corporation
- **7376** - *"Controlling Peer Reviews During Software Development: A Five-Year Longitudinal Case Study"*, Dr. Richard Welch, Northrop Grumman Corporation
- **7246** - "*A Process Performance models Case Study*", Mr. Ricardo Garza, Softtek
- **7206** - "*Developing process performance models, baselines, and objectives*", Mr. Rayney Wong, RW, Ritmico Progress

TRACK 5A AM ACQUISITION

- **7350** - *"The Very First CMMI®-ACQ SCAMPI A: a Small Setting with Large Importance"*, Ms. Margaret Glover, Software Engineering Institute
- **7168** - *"CMMI® and USAF System Engineering Assessment Model (AF SEAM)"*, Mr. George Freeman, U.S. Air Force
- **7262** - *"Break the Shackles - Early success in Global Sourcing with CMMI®-ACQ"*, Dr. Jack Ferguson, Software Engineering Institute
- **7187** - *"CMMI® for Acquisition Works in the Real World"*, Mr. Richard Raphael, MITRE Corporation

TRACK 5B PM MEASUREMENT

- **7146** - "*Measuring Economic Benefits of CMMI® Leveraging the Interpretive Structural Methodology"*, Dr. Aldo Dagnino, ABB Incorporated, U.S. Corporate Research Center
- **7234** - *"Using a Combined Technology in High Maturity Process Improvement"*, Mr. Bosheng Zhou, Cyber Keji Park, Inc.
- **7134** - *"ROI from CMMI® - a DACS and SEI Collaboration"*, Mr. Thomas McGibbon, ITT AES/DACS
- **7173** - *"CMMI®'s Role in Reducing Total Cost of Ownership: Measuring and Managing New and Legacy Software"*, Mr. Daniel Galorath, Galorath Incorporated

TRACK 6 AM APPRAISALS

- **7309** - *"Using Self- Assessments as Part of a CMMI® Improvement Strategy"*, Dr. Gary Palosaari, The Boeing Company
- **7380** - *"Lessons Learned from a Government Appraisal (From Both Sides of the Table)"*, Dr. Rick Hefner, Northrop Grumman Corporation
  1. Lessons Learned From Government Appraisals
  2. Lesson Learned From Government Appraisals Intro
  3. Preparation and Support
  4. Preparation and Support LMCO
- **7430** - *"Risk Mitigated SCAMPI Process"*, Mr. Gary Natwick, Harris Corporation
- **7371** - *"The Secret Map to Hidden Treasure: Your PIID"*, Mr. Sam Fogle, ACE Guides, LLC

TRACK 6 PM APPRAISALS

- **7184** - "*How Many Ways Can SCAMPI Be Cooked? Let's Spend Some Time In The Kitchen"*, Mr. Joseph Wickless, Software Engineering Institute
- **6952** - *"Appraising Classified Programs"*, Mr. Robert Moore, Business Transformation Institute, Inc.
- **7359** - *"Evidence Workshops: A Gentler and More Effective Alternative to SCAMPIs*", Dr. Rick Hefner, Northrop Grumman Corporation
- **7368** - *"Breaking the Ice with SCAMPI C Appraisals (With a few Suggestions for the Care and Feeding of New Appraisal Team Members)"*, Mr. John Kennedy, The MITRE Corporation

TRACK 7 AM MULTI-MODEL IMPLEMENTATION

- **7022** - "Implementing a Multiple Model Approach for Optimized Results", Ms. Maggie Cronin, Avaya Global Services
- **7256** - *"IMMM-IDEAL Integrating Multiple Models and Methodologies: An IDEAL Relationship"*, Ms. Katherine Smith, NAVAIR
- **6951** - *"Using Appraisals for Other Process Models: SOX, DoD 5000, . . . !"*, Mr. Robert Moore, Business Transformation Institute, Inc.
- ***7220*** - *"Beyond the Handshake Between Auditors and CMMI®: A Look Into Auditing for Process Maturity"*, Mr. Dorian Cougias, Network Frontiers

TRACK 7 PM MULTI-MODEL IMPLEMENTATION

- **7421** - *"Previewing the New CMMI® for Services"*, Mr. Craig Hollenbach, Northrop Grumman Corporation
- **7334** - *"Lessons Learned Implementing CMMI® in a Services Organization"*, Mr. Larry Jess, Analytical Services, Inc

Thursday November 20, 2008

TRACK 1 AM PROCESS IMPROVEMENT AND CMMI

- **6909** - *"Developing Complex Systems– Using CMMI® to Achieve Effective Systems and Software Engineering Integration"*, Dr. Kenneth Nidiffer, Software Engineering Institute (Invited)
- **6995** - *"3 Examples of PI, 2 Successes 1 Failure, Lessons Learned"*, Mr. Al Florence, The MITRE Corporation
- **6962** - *"Do You Have An Effective Process Improvement Infrastructure?"*, Ms. Patricia Mitryk, Cognence, Inc.
- **7202** - *"The Last Phase of Process Changes – Deployment"*, Mr. Richard Barbour, Software Engineering Institute and Dr. Barbara Tyson, Software Engineering Institute

TRACK 1 PM PROCESS IMPROVEMENT AND CMMI

- **7123** - *"CMMI® on the Cheap"*, Mr. Thomas Neff, BAE Systems
- **7313** - *"Successful Integration of an Engineering Organization Across Geographic Locations Achieving CMMI® level 3"*, Mr. Wendell Mullison, General Dynamics, Land Systems
- **7342** - *"Use of IDEAL Model in a Multi-Organization Environment"*, Dr. Aldo Dagnino, ABB Incorporated, U.S. Corporate Research
- **7426** - *"Defining Systems Engineering for an Army Life Cycle Software Engineering Center"*, Dr. William Craig, AMRDEC SED

TRACK 2 AM PRACTICAL GUIDANCE

- **7402** - *"Recursion and Iteration of CMMI® Project Management Practices"*, Mr. Alfred Schenker, Software Engineering Institute
- **7284** - *"A Value Proposition for Project Managers from Configuration Management"*, Mr. Tim Kasse, Kasse Initiatives, LLC
- **6879** - *"Integrated Change Control for the Concurrently Developed Complex Systems - Lesson Learned"*, Mr. Alexander Polack, The Aerospace Corporation

7152 - *"Making IPPD Real",* Mr. Joseph Vandeville, Northrop Grumman Corporation

TRACK 2 PM PRACTICAL GUIDANCE

- **7348** - "*Applications of Risk Management Using Monte Carlo Simulation*", Mr. Barry Schrimsher, Glen Talon Consulting, Inc.
- **7008** - *"Work On Your Engineering Business, Not In It."*, Mr. Rolf Reitzig, Cognence, Inc.
- **7006** - "*Project Planning Support Produces Consistently High-Quality Project Plans*", Mr. John Johnston, BAE Systems

TRACK 3 AM LEAN, 6 SIGMA, AGILE AND CMMI

- **7185** - *"Leveraging LEAN in Achieving Higher Maturity",* Mrs. Ann Hennon, BAE Systems, Ground Systems
- **7240** - "*Integrating Agile and CMMI®: Synergy through Discipline*", Dr. Gene Miluk, Software Engineering Institute
- **7110** - *"Agile Methods with Performance- Based Earned Value*", Mr. Paul Solomon, Performance-Based Earned Value®

TRACK 3 PM LEAN, 6 SIGMA, AGILE AND CMMI

- **7269** - *"Closing the Gap Between Systems Engineering and Project Management",* Mr. Robert Ferguson, Software Engineering Institute
- **6976** - *"Agile: The Essence of CMMI® Level 5 Behavior",* Ms. Dottie Acton, Lockheed Martin Corporation, IS&GS

TRACK 4 AM HIGH MATURITY

- **7242** - "*Statistical and-Modeling Approach for Limited Data Forecast*", Ms. Shinobu Minamikawa, YARNE and Company
- **7412** - *"Finding Useful CMMI ModelsI®",* Mr. Mark Kelley, Esterline AVISTA
- **7291** - *"Criteria for Interpreting CMMI® High Maturity Implementations",* Dr. Mike Konrad, Software Engineering Institute
- **7217** -*"Building a Better Mousetrap Lessons learned implementing process management automation to accelerate quality improvement.",* Mr. Keith Lutz, Intel Corporation

TRACK 4 PM HIGH MATURITY

- **7192** - *"The Practice of Measurement and Analysis in High Maturity Organizations- What Does it Take to Get There, Stay There and Why Should You Do It Anyway?",* Dr. Dennis Goldenson, Software Engineering Institute
- 7**203** - *"V1.2 High Maturity: What should I expect to see in a V1.2 High Maturity Appraisal",* Mr. John Ryskowski, JFR Consulting
- **7352** - *"How Six Sigma Organizations Implement CMMI® Level 5",* Dr. Rick Hefner, Northrop Grumman Corporation
- **7355** - *"Top Ten Things Everybody Should Know About High Maturity",* Mr. Rawdon Young, Software Engineering Institute

TRACK 5 AM MEASUREMENT

- **6898** - *"Leading Indicators for Software Project Management",* Mr. David Card, Det Norske Veritas
- **6875** - *"Using Quantitative Analysis to Improve the On Time Acquisition of Parts Used in Product Development",* Mr. Fred Oleson, BAE Systems

TRACK 5 PM MEASUREMENT

- **6941** - *"Good and Bad Software Projects: By the Numbers",* Mr. Donald Beckett, Quantitative Software Management
- **7145** - *"Can You Trust Your Data? A Measurement and Analysis Infrastructure Diagnostic to Enhance Value",* Dr. David Zubrow, Software Engineering Institute
- **7160** - *"Leading Indicators of Program Performance",* Mr. Robert Fergugson, Software Engineering Institute

TRACK 6 AM APPRAISALS

- **7212** - *"Experiences with a Geographically Distributed Class C+ Appraisal",* Ms. Karen Smiley, ABB Incorporated, U. S. Corporated Research
- **6973** - *"Global SCAMPI B's and C's Without the Jet Lag",* Ms. Robyn Plouse, Intel Corporation
- **6978** - *"Appraisals and CMMI® Gotchas Lessons in CMMI® Use and Appraisal Preparation",* Ms. Mary Sakry, The Process Group
- **7360** - *"10 Common Mistakes Appraisers Make",* Dr. Rick Hefner, Northrop Grumman Corporation

TRACK 6 PM APPRAISALS

- **7411** - *"SCAMPI Appraisals for Small Companies",* Mr. Mark Kelley, Esterline AVISTA
- **7019** - *"Combining a CMMI® SCAMPI Appraisal with a Project Retrospective*", Mr. Roger Campbell, Cognence, Inc.
- **7329** - *"Frequently Misunderstood CMMI® Appraisal Findings",* Ms. Karen Smiley, ABB Incorporated, U.S. Corporated Research

TRACK 7 AM FUTURE DIRECTIONS

- **7361** - "*Beyond IPPD: Practices for Distributed Collaboration",* Ms. Suzanne Garcia, Software Engineering Institute
- **7410** - *"Ongoing CMMI® Level 4/5 for Smaller Teams*", Mr. Mark Kelley, Esterline AVISTA

TRACK 7 PM CMMI IN SMALL SETTINGS

- **7117** - *"Successful Implementation of Process Improvement in Small Organizations",* Ms. Rose Clark, Booz Allen Hamilton
- **7241** - *"Accelerating CMMI® Adoption",* Dr. Gene Miluk, Software Engineering Institute
- **7001** - *"Achieving CMMI®-Dev + IPPD Version 1.2 Maturity Level 3 in a Small Organization Planning/ Implementing/Appraising",* Ms. Donna Lee, United Space Alliance